

**Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 09779089 on February 13, 2003**

10 340/539 (4 OR, 6 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/531 .With particular coupling link
340/539 ..Radio

9 340/572.1 (1 OR, 8 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/568.1 ..Article placement or removal (e.g.,
anti-theft)
340/572.1 ...Detectable device on protected article
(e.g., "tag")

9 340/825.72 (1 OR, 8 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.71 ..Frequency responsive actuation
340/825.72 ..Wireless link

8 340/825.69 (5 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.57 ..Pulse responsive actuation
340/825.62 ..Serial
340/825.69 ...Radio link

6 340/10.1 (2 OR, 4 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 ..Interrogation response

6 340/870.02 (4 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
TELEMETERING)
340/870.02 ..With meter reading

6 380/34 (0 OR, 6 XR)
Class 380 : CRYPTOGRAPHY
380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY
380/270 ..Wireless communication
380/33 ..Using plural paths or channels
380/34 ...Plural carrier frequencies

5 340/870.03 (0 OR, 5 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
TELEMETERING)
340/870.02 ..With meter reading
340/870.03 ..Having plural transmitters

4 340/531 (0 OR, 4 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/531 .With particular coupling link

3 222/641 (1 OR, 2 XR)
Class 222 : DISPENSING
222/638 INCLUDING TIMER
222/639 .For timing dispensing period
222/640 ..Of beverage or beverage component dispenser
222/641 ...Including electrical timing circuit

3 340/10.4 (1 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
340/10.4 ..Response signal detail

3 340/442 (1 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/425.5 LAND VEHICLE ALARMS OR INDICATORS
340/438 .Internal alarm or indicator responsive to a condition of the vehicle
340/442 ..Tire deflation or inflation

3 340/447 (2 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/425.5 LAND VEHICLE ALARMS OR INDICATORS
340/438 .Internal alarm or indicator responsive to a condition of the vehicle
340/442 ..Tire deflation or inflation
340/445 ...With particular telemetric coupling
340/447Radio wave

3 340/5.26 (2 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/5.1 .Intelligence comparison for controlling
340/5.2 ..Authorization control (e.g., entry into an area)
340/5.21 ...Varying authorization
340/5.26Code rotating or scrambling

3 340/5.64 (0 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/5.1 .Intelligence comparison for controlling
340/5.2 ..Authorization control (e.g., entry into an area)
340/5.6 ...Coded record input (e.g., IC card or key)
340/5.64Wireless transmitter

3 340/571 (0 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition

340/568.1 ..Article placement or removal (e.g.,
anti-theft)
340/571 ...Alarm on protected article

3 340/573.4 (1 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/573.1 ..Human or animal
340/573.4 ...House arrest system, wandering, or wrong
place

3 340/870.11 (0 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,
TELEMETERING)
340/870.11 .Plural transmitters

3 342/357.06 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/357.01 ..With position indicating
342/357.06 ...Using Global Positioning Satellite (GPS or
Glonass)

3 342/457 (0 OR, 3 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/450 .Position indicating (e.g., triangulation)
342/457 ..Land vehicle location (e.g., bus, police car

3 370/437 (3 OR, 0 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/431 CHANNEL ASSIGNMENT TECHNIQUES
370/437 .Adaptive selection of channel assignment
technique

3 370/458 (0 OR, 3 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/431 CHANNEL ASSIGNMENT TECHNIQUES
370/458 .Using time slots

3 375/130 (3 OR, 0 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM

3 375/131 (3 OR, 0 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/131 .Hybrid form

3 375/134 (3 OR, 0 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/130 SPREAD SPECTRUM
375/132 .Frequency hopping
375/133 ..End-to-end transmission system
375/134 ...Having specific code acquisition or tracking

3 701/213 (0 OR, 3 XR)
Class 701 : DATA PROCESSING: VEHICLES, NAVIGATION, AND
RELATIVE LOCATION
701/200 NAVIGATION
701/207 .Employing position determining equipment
701/213 ..Using Global Positioning System (GPS)

2 73/146.4 (0 OR, 2 XR)
Class 073 : MEASURING AND TESTING
73/146 TIRE, TREAD OR ROADWAY
73/146.2 .Tire inflation testing installation
73/146.3 ..By direct fluid pressure reading
73/146.4 ...Telemetric (e.g., indicator on cowl)

2 73/146.5 (0 OR, 2 XR)
Class 073 : MEASURING AND TESTING
73/146 TIRE, TREAD OR ROADWAY
73/146.2 .Tire inflation testing installation
73/146.3 ..By direct fluid pressure reading
73/146.4 ...Telemetric (e.g., indicator on cowl)
73/146.5Electric

2 119/721 (0 OR, 2 XR)
Class 119 : ANIMAL HUSBANDRY
119/712 ANIMAL CONTROLLING OR HANDLING (E.G.,
RESTRAINING, BREAKING, TRAINING, SORTING,
CONVEYING, ETC.)

119/720 .Electromagnetic remote control
119/721 ..Animal confined to predetermined territorial
location

2 175/40 (0 OR, 2 XR)
Class 175 : BORING OR PENETRATING THE EARTH
175/40 WITH SIGNALING, INDICATING, TESTING OR
MEASURING

2 222/1 (2 OR, 0 XR)
Class 222 : DISPENSING
222/1 PROCESSES OF DISPENSING

2 222/36 (0 OR, 2 XR)
Class 222 : DISPENSING
222/23 WITH RECORDER, REGISTER, INDICATOR, SIGNAL OR
EXHIBITOR
222/36 .Totalizer for successive dispenser cycles

2 324/117R (0 OR, 2 XR)
Class 324 : ELECTRICITY: MEASURING AND TESTING
324/76.11 MEASURING, TESTING, OR SENSING ELECTRICITY, PER
SE

324/117R .Magnetic saturation (e.g., in field or in amplifier)

2 324/252 (0 OR, 2 XR)
Class 324 : ELECTRICITY: MEASURING AND TESTING
324/200 MAGNETIC
324/244 .Magnetometers
324/252 ..Semiconductor type solid-state or magnetoresistive magnetometers

2 324/96 (1 OR, 1 XR)
Class 324 : ELECTRICITY: MEASURING AND TESTING
324/76.11 MEASURING, TESTING, OR SENSING ELECTRICITY, PER SE
324/96 .Using radiant energy

2 340/10.2 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
340/10.2 ..Contention avoidance

2 340/10.33 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
340/10.3 ..Interrogation signal detail
340/10.33 ...Wake up (all call)

2 340/10.34 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
340/10.3 ..Interrogation signal detail
340/10.34 ...Power up

2 340/10.41 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
340/10.4 ..Response signal detail
340/10.41 ...Combination response

2 340/10.51 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/10.1 .Interrogation response
340/10.5 ..Additional control
340/10.51 ...Programming (e.g., read/write)

2 340/551 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/541 ..Intrusion detection
340/551 ...Disturbance of magnetic field

2 340/568.1 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/568.1 ..Article placement or removal (e.g.,
anti-theft)

2 340/572.4 (2 OR, 0 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/568.1 ..Article placement or removal (e.g.,
anti-theft)
340/572.1 ...Detectable device on protected article
(e.g., "tag")
340/572.4Specified processing arrangement for
detected signal

2 340/572.8 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/568.1 ..Article placement or removal (e.g.,
anti-theft)
340/572.1 ...Detectable device on protected article
(e.g., "tag")
340/572.8Specified device housing or attachment
means

2 340/573.1 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/573.1 ..Human or animal

2 340/637 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/540 .Specific condition
340/635 ..Condition of electrical apparatus
340/637 ...Watt-hour meter

2 340/692 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/500 CONDITION RESPONSIVE INDICATING SYSTEM
340/691.1 .Specified indicator structure
340/692 ..Sound reproducer

2 340/825.02 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.02 .Tree or cascade

2 340/825.52 (0 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.52 .Addressing

2 340/854.6 (1 OR, 1 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/853.1 WELLBORE TELEMETRY OR CONTROL (E.G.,
SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)
340/854.3 .Using a specific transmission medium (e.g.,
conductive fluid, annular spacing, etc.)
340/854.6 ..Electromagnetic energy (e.g., radio
frequency, etc.)

2 341/176 (0 OR, 2 XR)
Class 341 : CODED DATA GENERATION OR CONVERSION
341/173 CODE GENERATOR OR TRANSMITTER
341/176 .Transmitter for remote control signal

2 342/18 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/13 RADAR EW (ELECTRONIC WARFARE)
342/16 .ECCM (Electronic counter-countermeasures,
i.e., antijamming)
342/17 ..Radar reacts to jamming
342/18 ...By changing frequency

2 342/357.1 (2 OR, 0 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/357.01 ..With position indicating
342/357.06 ...Using Global Positioning Satellite (GPS or
Glonass)
342/357.1Combined with telecommunication

2 342/357.13 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/350 DIRECTIVE
342/352 .Including a satellite
342/357.01 ..With position indicating
342/357.06 ...Using Global Positioning Satellite (GPS or
Glonass)
342/357.13With storage device (i.e., map or database)

2 342/51 (0 OR, 2 XR)
Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS
AND DEVICES
342/42 RADAR TRANSPONDER SYSTEM
342/51 .Transponder only

2 359/145 (1 OR, 1 XR)
Class 359 : OPTICS: SYSTEMS
359/109 OPTICAL COMMUNICATION
359/142 .Remote control
359/145 ..With radio link

2 370/346 (1 OR, 1 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/345 .Combining or distributing information via time
channels
370/346 ..Polling

2 370/350 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/345 .Combining or distributing information via time
channels
370/350 ..Synchronization

2 370/449 (1 OR, 1 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/431 CHANNEL ASSIGNMENT TECHNIQUES
370/449 .Polling

2 370/462 (1 OR, 1 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/431 CHANNEL ASSIGNMENT TECHNIQUES
370/462 .Arbitration for access to a channel

2 370/478 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/473 ..Transmission of a single message having
multiple packets
370/478 .Combined time division and frequency division

2 375/136 (2 OR, 0 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/132 .Frequency hopping
375/136 ..Receiver

2 375/142 (1 OR, 1 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence
375/141 ..End-to-end transmission system
375/142 ...Having correlation-type receiver

2 375/146 (1 OR, 1 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence
375/146 ..Transmitter

2 375/150 (0 OR, 2 XR)
Class 375 : PULSE OR DIGITAL COMMUNICATIONS
375/130 SPREAD SPECTRUM
375/140 .Direct sequence
375/147 ..Receiver
375/150 ...Correlation-type receiver

2 380/262 (1 OR, 1 XR)
Class 380 : CRYPTOGRAPHY
380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY
380/259 .Symmetric key cryptography
380/260 ..Symmetric key synchronization
380/262 ...Transmitting a seed, sequence, or initial
value

2 380/274 (0 OR, 2 XR)
Class 380 : CRYPTOGRAPHY
380/255 COMMUNICATION SYSTEM USING CRYPTOGRAPHY
380/270 .Wireless communication
380/274 ..Synchronization

2 380/46 (0 OR, 2 XR)
Class 380 : CRYPTOGRAPHY
380/277 KEY MANAGEMENT
380/44 .Having particular key generator
380/46 ..Nonlinear (e.g., pseudorandom)

4968978 88
5181934 88
5268683 88
5280293 88
5302954 88
6252544 88
6429812 88
5553094 77
5673252 77
5963146 77
6172616 77
5191610 73
5477209 73
5966008 72
6084503 72
4354275 71
4596985 71
5271043 71
5311541 71
5377222 71
5454009 71
5561420 71
5668828 71
5801643 71
5828693 71
5844482 71
5959550 71
6031883 71
6037879 71
6061344 71
6072801 71
6098189 71
6118789 71
6137422 71
6169474 71
6174073 71
6198392 71

6215393 71

6226300 71

6215393 71

6226300 71

4245347 70

4255810 70

4259547 70

4361890 70

4369437 70

4389643 70

4399441 70

4414534 70

4442434 70

4513412 70

4600299 70

4792796 70

4894642 70

4912463 70

4940976 70

4988992 70

5036310 70

5235619 70

5255819 70

5287384 70

5361212 70

5369394 70

5377223 70

5386435 70

5442659 70

5446756 70

5463374 70

5471658 70

5500639 70

5505349 70

5507411 70

5508756 70

5537397 70

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5543806 70
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5604551 70
5617084 70
5640385 70
5699430 70
5708421 70
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5751246 70
5760737 70
5774065 70
5804967 70
5828220 70
5841118 70
5850181 70
5852403 70
5862221 70
5878329 70
5883886 70
5886647 70
5937002 70
5936754 70
6002343 70
6058374 70
6072384 70
6078258 70

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Original Classifications

5 340/825.69
4 340/539
4 340/870.02
3 370/437
3 375/130
3 375/131
3 375/134
2 222/1
2 340/10.1
2 340/447
2 340/5.26
2 340/572.4
2 342/357.1
2 375/136

Cross-Reference Classifications

8 340/572.1
8 340/825.72
6 340/539
6 380/34
5 340/870.03
4 340/10.1
4 340/531
3 340/5.64
3 340/571
3 340/825.69
3 340/870.11
3 342/357.06
3 342/457
3 370/458
3 701/213
2 73/146.4

2 73/146.5
2 119/721
2 175/40
2 222/36
2 222/641
2 324/117R
2 324/252
2 340/10.2
2 340/10.33
2 340/10.34
2 340/10.4
2 340/10.51
2 340/442
2 340/551
2 340/568.1
2 340/572.8
2 340/573.4
2 340/637
2 340/692
2 340/825.02
2 340/825.52
2 340/870.02
2 341/176
2 342/18
2 342/357.13
2 342/51
2 370/350
2 370/478
2 375/150
2 380/274
2 380/46

Combined Classifications

10 340/539
9 340/572.1
9 340/825.72
8 340/825.69

6 340/10.1

6 340/870.02

6 380/34

5 340/870.03

4 340/531

3 222/641

3 340/10.4

3 340/442

3 340/447

3 340/5.26

3 340/5.64

3 340/571

3 340/573.4

3 340/870.11

3 342/357.06

3 342/457

3 370/437

3 370/458

3 375/130

3 375/131

3 375/134

3 701/213

2 73/146.4

2 73/146.5

2 119/721

2 175/40

2 222/1

2 222/36

2 324/117R

2 324/252

2 324/96

2 340/10.2

2 340/10.33

2 340/10.34

2 340/10.41

2 340/10.51

2 340/551

2 340/568.1
2 340/572.4
2 340/572.8
2 340/573.1
2 340/637
2 340/692
2 340/825.02
2 340/825.52
2 340/854.6
2 341/176
2 342/18
2 342/357.1
2 342/357.13
2 342/51
2 359/145
2 370/346
2 370/350
2 370/449
2 370/462
2 370/478
2 375/136
2 375/142
2 375/146
2 375/150
2 380/262
2 380/274
2 380/46